

Submit within 45 days of well completion	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Revised November 6, 2013				
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b> <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		1. WELL API NO: 30-025-43069  2. Well Name: SMALLS FEDERAL #008H  3. Well Number: 008H				
4. Surface Hole Location: Unit: M Lot: M Section: 28 Township: 22S Range: 34E Feet from: 190 N/S Line: S Feet from: 410 E/W Line: W  5. Bottom Hole Location: Unit: D Lot: D Section: 28 Township: 22S Range: 34E Feet from: 255 N/S Line: N Feet from: 370 E/W Line: W  6. latitude: 32.355938 longitude: -103.4822703  7. County: Lea						
8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701	9. OGRID: 229137	10. Phone Number: 432-685-4332				
11. Last Fracture Date: 1/12/2017 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97922		14. Gross Fractured Interval: 10,465 ft to 14,690 ft				
15. True Vertical Depth (TVD): 10,362 ft		16. Total Volume of Fluid Pumped: 10,205,834 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
<b>19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:</b>						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	89.99545%
Cla-Web(TM) II, DCA-23003, FDP-S1226-15, FE-1A ACl	Halliburton	Additive, Clay Stabilizer, Concentrate, Corrosion Inhibitor, Friction Reducer, Proppant, Scale Preve	NA	NA	0%	0%
Scalechek(R) SCP-2 Scale Inhibitor	Halliburton		NA	NA	0%	0%
Parasorb 5000, Scaletrol 720	Baker Hughes	Additive, Scale Inhibitor	NA	NA	0%	0%
ACS 100	Brenntag	Biocide	NA	NA	0%	0%
ACS 200	Brenntag Southwest, Inc	Biocide	NA	NA	0%	0%
ACS 300	Occidental Chemical Corporation	Biocide	NA Acetic acid Acetic anhydride Acrylamide Acrylamide, sodium acrylate polymer Alcohols, C12-13, ethoxylated Alcohols, C12-16, ethoxylated Amine Amine salts Ammonium compound Calcium chloride (CaCl2) Chlorine compound Chrystalline silica: Quartz (SiO2) Citric acid Crystalline silica, quartz Diatomaceous earth, calcined Ethoxylated alcohols Ethoxylated branched C13 alcohol Ethylene glycol Ethylene oxide Fatty acids, tall oil Glassy calcium magnesium phosphate Hydrochloric acid Hydrogen Chloride Hydrotreated light petroleum distillate Methanol Mineral oil Olefins Propargyl alcohol Quaternary amine Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Sorbitan, mono-9-octadecenoate, (Z) Sodium chloride Sodium Chloride Sodium Chlorite Sodium diacetate Sodium Hydroxide Sodium Hypochlorite Sodium perborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Water	NA 64-19-7 109-24-7 79-06-1 25987-30-8 66455-14-9 68551-12-2 Proprietary Proprietary Proprietary 10043-52-4 Proprietary 14808-60-7 77-92-9 14808-60-7 91053-39-3 Proprietary 78330-21-9 107-21-1 75-21-8 Proprietary 65997-17-3 7647-01-0 7647-01-0 64742-47-8 67-56-1 8042-47-5 Proprietary 107-19-7 Proprietary 68527-49-1 1338-43-8 7647-14-5 7647-14-5 7758-19-2 126-96-5 001310-73-2 007681-52-9 10486-00-7 9005-65-6 7732-18-5	0% 60% 100% 0.01% 30% 30% 5% 0.1% 1% 30% 5% 30% 1% 60% 100% 60% 30% 5% 30% 0.01% 30% 100% 60% 30% 5% 2% 13% 100% 5% 100%	0% 0.00232% 0.00387% 1E-05% 0.0284% 0.01369% 0.00228% 5E-05% 0.00053% 0.01452% 0.00132% 0.01452% 6E-05% 0.00241% 8.8554% 0.00349% 0.00019% 0.00473% 0.0079% 0% 0.00019% 0.01941% 0.52598% 0.00064% 0.0284% 0.00038% 0.00175% 8E-05% 6E-05% 0.00097% 0.00019% 0.00473% 0.00048% 0.00066% 0.00179% 0.00473% 8E-05% 0.00052% 0.01031% 0.00473% 1.0437%
20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.			Signature: <u>Signed Electronically</u> Printed Name: <u>Stormi Davis</u> Title: <u>Regulatory Analyst</u>			
Date: <u>3/21/2017</u>			E-mail Address: <u>sdavis@conchoresources.com</u>			

NMOCDD does not require the reporting of information beyond MSDS data as described in 20 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.